

## Refine Search

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### Search Results -

Terms	Documents
L2 not L3	16

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

Interrupt

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### Search History

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 DATE: Tuesday, May 03, 2005   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR</i>			
<u>L4</u>	l2 not L3	16	<u>L4</u>
<u>L3</u>	L2 and (cop\$ or usage)	2	<u>L3</u>
<u>L2</u>	(hash\$ with compar\$) and (encrypt\$ with (content or data or material)) and @ad<=20001113	18	<u>L2</u>
<u>L1</u>	(hash\$ with compar\$ with stor?) and (encrypt\$ with (content or data or material)) and @ad<=20001113	0	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 10 of 16 returned.

☐ 1. Document ID: WO 9933221 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 16

File: EPAB

Jul 1, 1999

PUB-NO: WO009933221A1

DOCUMENT-IDENTIFIER: WO 9933221 A1

TITLE: SECURE PROXY SIGNING DEVICE AND METHOD FOR USE

PUBN-DATE: July 1, 1999

INVENTOR-INFORMATION:

NAME

COUNTRY

EPSTEIN, MICHAEL

INT-CL (IPC): H04 L 9/32; H04 L 9/00

EUR-CL (EPC): H04L009/32

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 2. Document ID: WO 9931844 A1

L4: Entry 2 of 16

File: EPAB

Jun 24, 1999

PUB-NO: WO009931844A1

DOCUMENT-IDENTIFIER: WO 9931844 A1

TITLE: DEVICE FOR AUTHENTICATING DIGITAL IMAGES

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: WO 9913415 A1

L4: Entry 3 of 16

File: EPAB

Mar 18, 1999

PUB-NO: WO009913415A1

DOCUMENT-IDENTIFIER: WO 9913415 A1

TITLE: A DIGITAL TRUST CENTER FOR MEDICAL IMAGE AUTHENTICATION

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: WO 9810611 A2

L4: Entry 4 of 16

File: EPAB

Mar 12, 1998

PUB-NO: WO009810611A2

DOCUMENT-IDENTIFIER: WO 9810611 A2

TITLE: SYSTEM FOR PREVENTING ELECTRONIC MEMORY TAMPERING

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: EP 798892 A2

L4: Entry 5 of 16

File: EPAB

Oct 1, 1997

PUB-NO: EP000798892A2

DOCUMENT-IDENTIFIER: EP 798892 A2

TITLE: Creation and distribution of digital documents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 6. Document ID: WO 9707657 A2

L4: Entry 6 of 16

File: EPAB

Mar 6, 1997

PUB-NO: WO009707657A2

DOCUMENT-IDENTIFIER: WO 9707657 A2

TITLE: PARAMETERIZED HASH FUNCTIONS FOR ACCESS CONTROL

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 7. Document ID: EP 689316 A2

L4: Entry 7 of 16

File: EPAB

Dec 27, 1995

PUB-NO: EP000689316A2

DOCUMENT-IDENTIFIER: EP 689316 A2

TITLE: Method and apparatus for user identification and verification of data packets in a wireless communications network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: EP 647925 A2

L4: Entry 8 of 16

File: EPAB

Apr 12, 1995

PUB-NO: EP000647925A2

DOCUMENT-IDENTIFIER: EP 647925 A2

TITLE: Postal rating system with verifiable integrity.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 9. Document ID: FR 2805691 A1

L4: Entry 9 of 16

File: DWPI

Aug 31, 2001

DERWENT-ACC-NO: 2001-628266

DERWENT-WEEK: 200173

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TITLE: Controlling integrity of data files of client station, encrypting hashing values of file references and registering in local directory

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 10. Document ID: JP 2000216773 A

L4: Entry 10 of 16

File: DWPI

Aug 4, 2000

DERWENT-ACC-NO: 2000-553567

DERWENT-WEEK: 200051

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Determining correctness of encrypted information for maintaining confidential data during communication, involves comparing two computed hash values to determine if decoded information is legitimate

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L2 not L3	16

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[Generate OACS](#)

Search Results - Record(s) 11 through 16 of 16 returned.

☐ 11. Document ID: US 5719941 A

Using default format because multiple data bases are involved.

L4: Entry 11 of 16

File: DWPI

Feb 17, 1998

DERWENT-ACC-NO: 1998-159035

DERWENT-WEEK: 199814

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: New password registration for server account via client coupled to network server - maintaining account database including account identification and corresponding passwords. using transmitted encrypted messages

INVENTOR: MISRA, P K; SWIFT, M M ; VAN DYKE, C P

PRIORITY-DATA: 1996US-0587886 (January 12, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5719941 A	February 17, 1998		015	H04L009/32

INT-CL (IPC): H04 L 9/00; H04 L 9/32

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMIC</a>	<a href="#">Draw D</a>
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☒ 12. Document ID: EP 816970 A2, US 6138236 A

L4: Entry 12 of 16

File: DWPI

Jan 7, 1998

DERWENT-ACC-NO: 1998-055248

DERWENT-WEEK: 200055

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Firmware authentication system for initiating computer system - includes predetermined public key and decryptor configured to provide verification hash in response to predetermined signature and public key

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KMIC</a>	<a href="#">Draw D</a>
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☐ 13. Document ID: EP 798892 A2, JP 3130267 B2, US 5673316 A, JP 10040100 A, KR 97067054 A, KR 187876 B1

L4: Entry 13 of 16

File: DWPI

Oct 1, 1997

DERWENT-ACC-NO: 1997-473617  
DERWENT-WEEK: 200109  
COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Access provision method for content data in cryptographic envelope - using processing to create cryptographic envelope, distribute cryptographic envelope, buy request initiated by user, buy server response such that cryptographic envelope is opened providing access to user

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☒ 14. Document ID: WO 9707657 A2, IL 123198 A, AU 9665011 A, WO 9707657 A3, US 5757915 A, EP 860064 A2, CN 1194072 A, US 5940513 A, JP 11511576 W, BR 9610127 A, RU 2142674 C1

L4: Entry 14 of 16

File: DWPI

Mar 6, 1997

DERWENT-ACC-NO: 1997-258577  
DERWENT-WEEK: 200154  
COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Parameterised hash functions for access controller of computer system - has verification unit that compares cryptographic keyed hash value with signature component to verify source of block data

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 15. Document ID: EP 1441464 A1, WO 9701902 A1, AU 9662820 A, US 5643086 A, ZA 9700320 A, EP 882339 A1, US 6106396 A, AU 200047184 A, JP 2002515765 W, AU 200227592 A, AU 200227594 A, AU 200227595 A, AU 200227593 A, AU 200227591 A, CN 1191644 A, CA 2225805 C, AU 758203 B, AU 758204 B, AU 758257 B, AU 758507 B, AU 758509 B, AU 2002301905 A1

L4: Entry 15 of 16

File: DWPI

Jul 28, 2004

DERWENT-ACC-NO: 1997-100402  
DERWENT-WEEK: 200449  
COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Dataset authentication method esp. for electronic casino game - involves storing hash version of game in secure locations and regularly reproducing hash version for security comparison with message digest of current ROM contents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☒ 16. Document ID: EP 689316 A2, CA 2149067 A, JP 08032575 A

L4: Entry 16 of 16

File: DWPI

Dec 27, 1995

DERWENT-ACC-NO: 1996-041912  
DERWENT-WEEK: 199616

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: WIREless data packet network user identification and verification - uses segmented message structure including sender identification, hashed and encrypted data and data packet

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawn D.
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Terms	Documents
L2 not L3	16

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## SHOW FILES

File 15:ABI/Inform(R) 1971-2005/May 03  
(c) 2005 ProQuest Info&Learning

File 20:Dialog Global Reporter 1997-2005/May 03  
(c) 2005 The Dialog Corp.

File 47:Gale Group Magazine DB(TM) 1959-2005/May 03  
(c) 2005 The Gale group

File 75:TGG Management Contents(R) 86-2005/Apr W4  
(c) 2005 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2005/May 03  
(c) 2005 The Gale Group

File 619:Asia Intelligence Wire 1995-2005/May 02  
(c) 2005 Fin. Times Ltd

File 647:CMP Computer Fulltext 1988-2005/Apr W3  
(c) 2005 CMP Media, LLC

File 674:Computer News Fulltext 1989-2005/Apr W3  
(c) 2005 IDG Communications

File 761:Datamonitor Market Res. 1992-2005/Apr  
(c) 2005 Datamonitor

?



Set	Items	Description
S1	10	(COMPAR? (5N) HASH?) AND (ENCRYPT? (3N) (DATA OR CONTENT MATERIAL)) AND PD<=001113
S2	7	RD (unique items).
?		

S (COMPAR? (5N) HASH?) AND (ENCRYPT? (3N) (DATA OR CONTENT OR MA

Your SELECT statement is:

S (COMPAR? (5N) HASH?) AND (ENCRYPT? (3N) (DATA OR CONTENT OR M  
AND PD<=001113

Items File

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>>>File 15 processing for PD= : PD=001113

>>>File 15: started at PD=710000 stopped at PD=920305

1 15: ABI/Inform(R)\_1971-2005/May 03

Processing

1 20: Dialog Global Reporter\_1997-2005/May 03

>>>File 47 processing for PD= : PD=001113

>>>File 47: started at PD=590100 stopped at PD=640301

1 47: Gale Group Magazine DB(TM)\_1959-2005/May 03

1 75: TGG Management Contents(R)\_86-2005/Apr W4

Examined 50 files

>>>File 275 processing for PD= : PD=001113

>>>File 275: started at PD=140103 stopped at PD=880105

1 275: Gale Group Computer DB(TM)\_1983-2005/May 03

Examined 100 files

Examined 150 files

Examined 200 files

>>>File 619 processing for PD= : PD=001113

>>>File 619: started at PD=120501 stopped at PD=981218

1 619: Asia Intelligence Wire\_1995-2005/May 02

Examined 250 files

2 647: CMP Computer Fulltext\_1988-2005/Apr W3

1 674: Computer News Fulltext\_1989-2005/Apr W3

Examined 300 files

1 761: Datamonitor Market Res.\_1992-2005/Apr

Examined 350 files

9 files have one or more items; file list includes 369 files.

One or more terms were invalid in 220 files.

?

T S2/3,KWIC/1-7

**2/3,KWIC/1 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2005 ProQuest Info&Learning. All rts. reserv.

02078531 56218823

**The push for digital signature encryption**

Zinkewicz, Phil

Rough Notes v143n7 PP: 52-53+ Jul 2000

ISSN: 0035-8525 JRNL CODE: RNO

WORD COUNT: 1257

DESCRIPTORS: Data encryption;

...TEXT: then recalculates the hash value. The hash value of this newly calculated message digest is compared to the hash value of the message digest found from the signature. If the two hash values match...

000701

**2/3,KWIC/2 (Item 1 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2005 The Dialog Corp. All rts. reserv.

03492082 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Net transaction security protocols**

BUSINESS LINE

November 19, 1998

JOURNAL CODE: FBLN LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1076

(USE FORMAT 7 OR 9 FOR FULLTEXT)

SSL, on the other hand, provides data encryption, server authentication, message integrity and so on. However, the single biggest lacuna in SSL is...

... now, it does not support client digital signature verification systems. That is, SSL only ensures data stream encryption but not actual message encryption, there raising irreconcilable questions of non-repudiability of messages, and...

... and the hash is retrieved; simultaneously, the received message is

rehashed and the two resultant hashes are compared to verify the authenticity and integrity of the message. Alternately, as described above in the...

19981119

2/3,KWIC/3 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2005 The Gale group. All rts. reserv.

05517874 SUPPLIER NUMBER: 59120974 (USE FORMAT 7 OR 9 FOR FULL  
**Digital Signatures.(Technology Information)**

White, Ron

PC/Computing, 152

March, 2000

ISSN: 0899-1847 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 383 LINE COUNT: 00033

... that the message is from whom it claims to be.

Verification failure

The program also compares the new hash result with the original  
to determine whether the message has been changed, tampered with, or...

PRODUCT/INDUSTRY NAMES: 7372691 ( Data Encryption Software)  
20000301

2/3,KWIC/4 (Item 1 from file: 75)

DIALOG(R)File 75:TGG Management Contents(R)

(c) 2005 The Gale Group. All rts. reserv.

00218741 SUPPLIER NUMBER: 53511863 (USE FORMAT 7 FOR FULL TEX  
**The electronic envelope.(Cyber Audits)(includes related article on  
encryption in leading e-mail software)(securing electronic mail)(Cover  
Story)**

Garceau, Linda R.; Matejka, Jack; Misra, Santosh K.; Rozen, Etzmun

Internal Auditor, 55, 6, 24(7)

Dec, 1998

DOCUMENT TYPE: Cover Story ISSN: 0020-5745 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3607 LINE COUNT: 00291

... and appended to the original message. When the message is received, the recipient recomputes the hash total and compares it to the original message digest appended to the message. If they are identical, then...

...DESCRIPTORS: Data encryption --

...PRODUCT/INDUSTRY NAMES: 7372691 ( Data Encryption Software)

19981200

**2/3,KWIC/5 (Item 1 from file: 647)**

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2005 CMP Media, LLC. All rts. reserv.

01168304 CMP ACCESSION NUMBER: WIN19980801S0063

**Slam the lid, batten down the hatches and tighten up Windows. - How to Secure NT**

Rich Santalessa

WINDOWS MAGAZINE, 1998, n 908, PG208

PUBLICATION DATE: 980801

JOURNAL CODE: WIN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Features

WORD COUNT: 4099

PUBLICATION DATE: 980801

... sent to NT's Local Security Authority (LSA). The LSA calls an authentication package and compares the password hash to the one stored in the local Security Account Manager database. For network and domain...3 is strong password encryption. The U.S. domestic version of Service Pack 3 can encrypt password data stored in the Registry by NT's Security Account Manager using a 128-bit cryptographically...

**2/3,KWIC/6 (Item 1 from file: 674)**

DIALOG(R)File 674:Computer News Fulltext

(c) 2005 IDG Communications. All rts. reserv.

068214

**Public-key certificates protect corporate jewels**

Byline: William Stallings

Journal: Network World Page Number: 29

Publication Date: August 17, 1998

Word Count: 730 Line Count: 66

**Text:**

... and authentication. A user can encrypt a message with a conventional key, such as a Data Encryption Standard key, and then encrypt the DES key with the public key of the recipient...

... s public key. Then, the recipient calculates the hash code of the unsigned certificate and compares this to the hash code recovered from the signature. If the two codes match, this is a valid certificate...

**2/3,KWIC/7 (Item 1 from file: 761)**

DIALOG(R)File 761:Datamonitor Market Res.

(c) 2005 Datamonitor. All rts. reserv.

00101435

**Technology Primer; Introduction; Encryption: 2.3 DIGITAL SIGNATURE;  
SECURITY OF ENCRYPTION**

Main Title: Internet Security

Pub. Date: October 02, 1997

Source: DATAMONITOR

Telephone: 0171 316 0001

Word Count: 706 (1 pp.)

Language: English

Country: WORLD

Industry: COMPUTERS AND ELECTRONICS

Company Names (DIALOG Generated): IBM

**Digital signature**

It is not difficult to see how the same mechanism for encrypting data with PKE can be used to determine the identity of the sender. Since there is...

...public key. The decrypted document is subjected to the same hash-function and the resulting hash is compared to the original hash code. If both match then this process has shown that:

\* the message has not been...

...to finding the correct key in a split second.

One application of private cryptography is Data Encryption Standard, originally developed by IBM. This secret-key, symmetric cryptosystem is

used for both communication...

Full Date: 19971002

?